

SYSTEM AND METHOD FOR SPACING BLANKS IN A PRODUCTION LINE

ABSTRACT OF THE DISCLOSURE

A system and method for transferring blanks of material passing from a feeder line to a production line along differing conveyor segments. The production line moves at a higher velocity than the feeder line. Just as a blank is about to transfer from the feeder line to the production line, the feeder line is rapidly accelerated to substantially match the velocity of the production line. This assures a smooth, even, and accurate transfer. Near the end of the transfer, the feeder line is decelerated. Thus, the transferred blank is now moving at a higher velocity than the next adjacent blank.